



# DEPARTMENT OF THE AIR FORCE

30TH SPACE WING (AFSPC)

MEMORANDUM FOR DISTRIBUTION

1 October, 1999

FROM: 30 RANS/DOUS

SUBJECT: WESTERN RANGE HISTORICAL REPORT 01 Oct. 1998 through 30 Sep 1999.

## PART I. OPERATIONS SUMMARY:

During fiscal year 01 Oct 1998 through 30 Sep 1999 the MOCC coordinated 22033 schedule changes against 7279 Operations scheduled at the Western Range.

Recap of the operations schedule by category:

<u>Operations Category</u>	<u>Scheduled</u>
Planned Maintenance	1306
Unplanned Maintenance Ops Cap Red	159
Unplanned maintenance Ops Cap Yellow	140
System Modifications	65
OT&E Testing	89
Institutional Testing	1563
Institutional Testing (Customer Support)	306
Software Development	1
Batch Processing	261
Range Tours	166
Training	605
Post Op Data Production	328
Frequency Clearance Support	208
Eastern Range Support	17
Edwards AFB Support	35
NAWC Pt. Mugu Support	46
Western Range Customer Support	1984

## PART II. ASSOCIATED OPERATIONS SUMMARY FOR FY 1997 THROUGH 1999.

Below is a recap of operations scheduled in support of Range customer requirements for FY 1997, FY 1998, and FY 1999. Category "Other Support" covers host base or other activities supporting operations not directly related to any specific mission. Aeronautical support covers all operations scheduled on the WR that required area clearance.

	<u>1997</u>	<u>1998</u>	<u>1999</u>
Spacelift	1663	1853	1527
Ballistic	1012	1148	668
Aeronautical	751	741	422
Other Support	478	605	307
Total	3904	4347	2924

REMARKS: Report does not include associated operations for pre/post launch support still in progress.

### PART III. WESTERN RANGE MAINTENANCE SUMMARY:

During FY 1999 the Maintenance Operations Coordination Center (MOCC) coordinated, de-conflicted and scheduled 1776 maintenance actions of which 298 were for unplanned corrective maintenance. Additionally, 70 Range red and 68 Range yellow downdays requested by 30 CS/SCM for Planned Maintenance and Modifications were scheduled by the MOCC through the Combined Launch Schedule Review Board (CLSRB). There were 53 maintenance actions deleted by the customer and 4 cancelled with time used. 97 percent of all maintenance actions scheduled through the MOCC were completed.

Recap of maintenance actions by quarter:

	<u>Oct-Dec</u>	<u>Jan-Mar</u>	<u>Apr-Jun</u>	<u>Jul-Sep</u>
Scheduled	348	323	316	319
Unscheduled	64	97	69	68
Modifications	29	35	48	40
Totals	441	455	433	447
Range Down Days for Maintenance (OPSCAP RED & OPSCAP YELLOW)	36	51	18	33

### PART V. WESTERN RANGE LAUNCH SUMMARY:

The Western Range supported 15 launches (11 Spacelift & 4 Ballistic) during FY 1999. There were 33 launch counts that required manning by Air Force and contractor personnel. Additionally there were 55 reschedules that required 30 RANS/DOUS coordination and CLSRB approval. Below is a breakdown of launches with the number of associated operations, counts, and reschedules required for each mission.

Recap of launches with the number of counts/reschedules required for each:

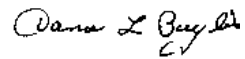
<u>Date</u>	<u>Op Number / Type / Payload</u>	<u>Assoc. Op</u>	<u>Launch Counts</u>	<u>Op Reschedules</u>
03-Oct-98	*W0129 TAURUS STEX	83	2	6
06-Nov-98	*W3418 DELTA II IRIDIUM MS-11	65	1	4
05-Dec-98	*W7151 PEGASUS SWAS	45	2	2
10-Feb-99	W3985 MMIII GT-169-GB	70	1	0
23-Feb-99	*W4585 DELTA II ARGOS	115	13	14
04-Mar-99	*W1051 PEGASUS WIRE	66	3	2
10-Mar-99	W0136 PK GT-28-PA	146	1	1
15-Apr-99	*W6364 DELTA II LANDSAT-7	97	1	0
27-Apr-99	*W0411 ATHENA II/IKONOS-1	64	1	0
17-May-99	*W8913 PEGASUS TERRIERS	62	2	5
22-May-99	*W9111 TITAN IV	238	1	3
20-Jun-99	*W7778 TITAN II Quickscat	131	1	1
20-Aug-99	W2923 MM-III GT-170	143	2	3
20-Aug-99	W0441 MM-III GT-171	73	1	1
24-Sep-99	*W6735 ATHENA IKONOS-2	51	1	1
		1449	33	43

**\* Spacelift Operations**

PART IV. FORECAST SCHEDULE:

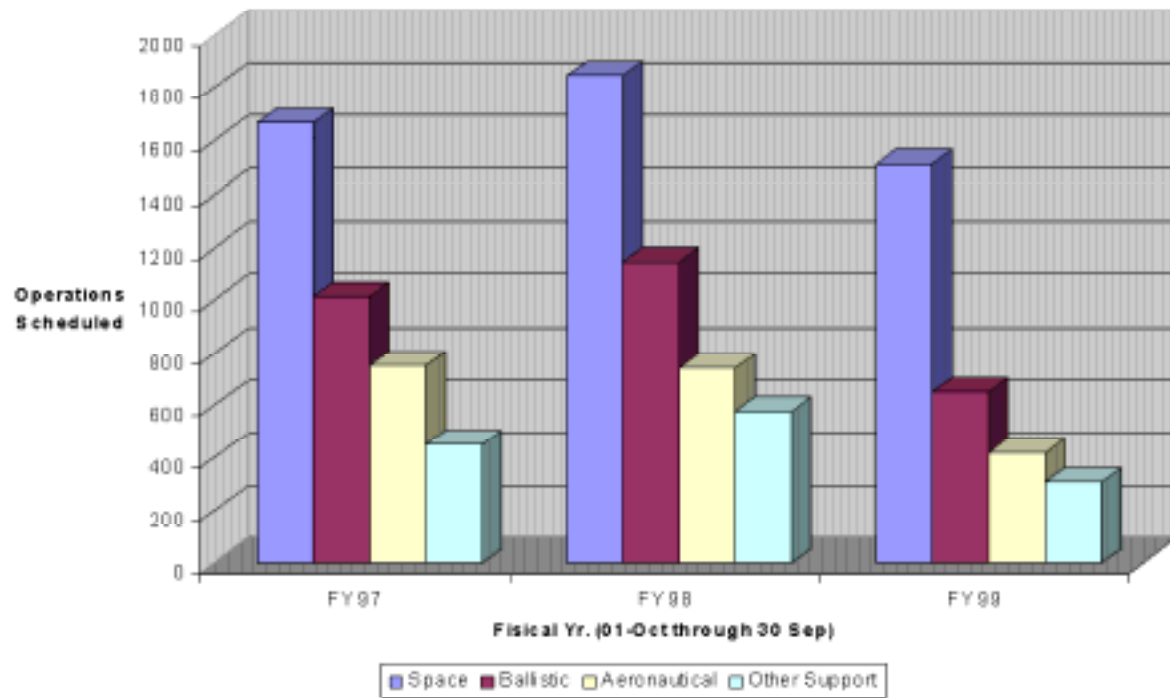
The following Western Range launches are forecasted for FY 2000.

<u>Vehicle</u>	<u>Launches</u>
MM II	2
MM III	5
PK	1
BVT	2
OSPSLV	2
ATLAS	2
DELTA	4
TAURUS	2
PEGASUS	1
TITAN II	2
TITAN IV	2



DANA L. BAYLIS  
Chief, Range Scheduling

### Customer Support



### Range Capacity

